

MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY*
DANIEL J. STANGER
SHRINATH MALUR*

GENE W. STOCKMAN
Of Counsel

JEFFREY M. KETCHUM
Registered Patent Agent

* Bar Membership Other Than Virginia

ATTORNEYS AT LAW

1800 DIAGONAL ROAD, SUITE 370
ALEXANDRIA, VIRGINIA 22314

PATENT, TRADEMARK
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

17497 U.S. PTO
10/646699

08/25/03

(703) 684-1120

Date: August 25, 2003

CUSTOMER No. 24956

Attorney Docket No. NIT-392

To: Assistant Commissioner for Patents
Washington, D.C. 20231

Sir: Transmitted herewith for filing is the patent application of:

Inventor: K. MOGI et al (see attached)

For:
CACHE MANAGEMENT METHOD FOR STORAGE DEVICE

Enclosed are:



25 Sheets of Drawings



This application is being filed without an executed Declaration.



Priority is claimed from Japanese Application No. 2003-090360 filed March 28, 2003.

A certified copy is attached herewith, which is hereby



Copies of the disclosure documents listed on the attached PTO 1449 form and discussed in the specification or attached Information Disclosure Statement. incorporated by reference.



A verified statement to establish small entity status under 37 CFR 1.9 and 1.27.



Specification: Abstract , Description 69 pages; and 24 claim(s).



Preliminary Amendment.



Executed Declaration.

The filing fee is calculated as shown below:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	24 -20 =	* 4
Indep Claims	5 - 3 =	* 2
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
then enter '0' in second column

Rate	Fee
	\$ 370
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

Rate	Fee
	\$ 750
x 18	\$ 72
x 84	\$ 168
+ 280	\$ 0
Total	\$ 990.



A check in the amount of \$ 990.00 is enclosed for the filing fee.



The Commissioner is hereby authorized to charge any additional fees that may be required to Deposit Account No. 50-1417.

Respectfully Submitted,

By:

John R. Mattingly

Registration No. 30,293

NIT-392
NT1269US

LIST OF INVENTORS' NAMES AND ADDRESSES

Kazuhiko MOGI, Tokyo, JAPAN;

Norifumi NISHIKAWA, Tokyo, JAPAN;

Yoshiaki EGUCHI, Tokyo, JAPAN.